

L.060AC < Blade types



Extruded aluminium acoustic blade

Extruded aluminium profile with a pitch of 60 mm and perforated back; maximum blade length of 6,000 mm. Blades packed with inorganic mineral wool for acoustic performance. Developed to provide an aesthetic solution for noise reducing continuous louvre applications.

Materials

- Extruded aluminium, EN AW-6063 T66, mineral wool, perforated PVC strip.

Finish

- Anodised (20 micron)
- Polyester powder coating RAL or Syntha Pulvin® colours (60 - 80 µ/40 µ (UK))

Mesh

Fixed to rear of the support structure.

Doors

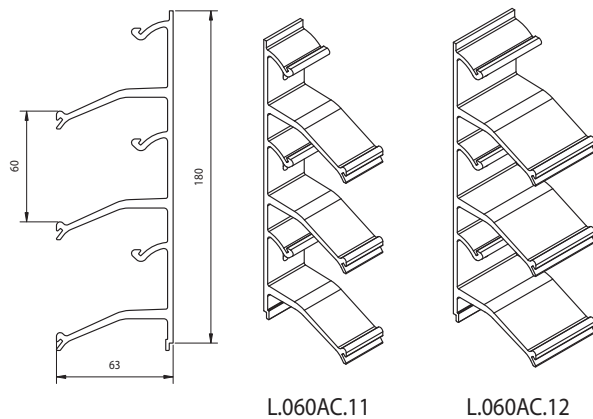
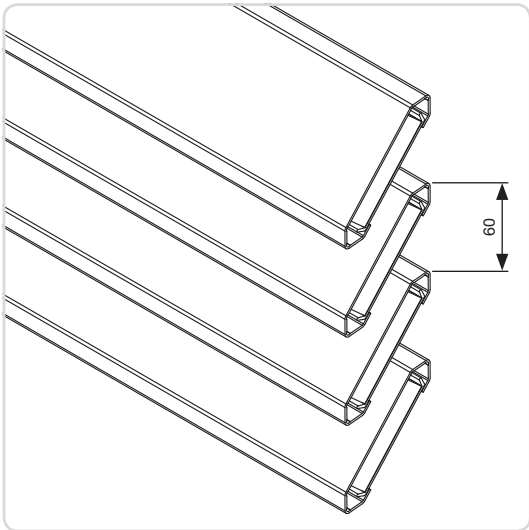
Single and double doors available with standard RENSON® hardware and rotating on pivot (see p. 75-76)

Acoustic properties

L.060AC: $R_w (C; C_{tr}) = 6 (1;-2)$ dB

Blade support

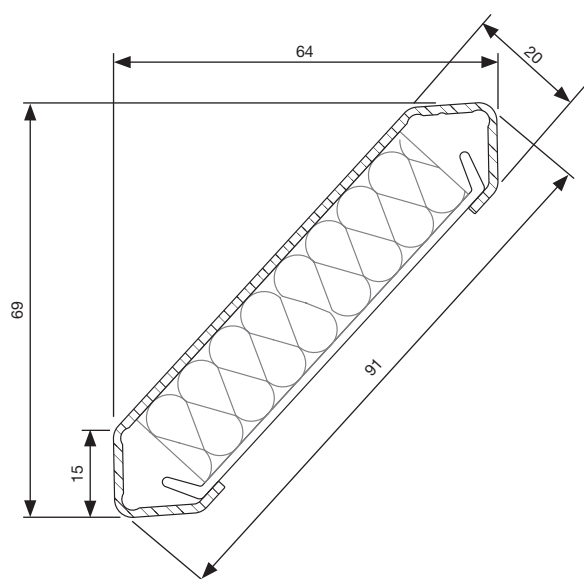
- L.060AC : Single blade support: type L.060AC.11 (width: 28 mm)
- Double blade support for thermal expansion: L.060AC.12 (width: 45 mm) (connecting piece for 2 blades)



L.060AC.11

L.060AC.12

Technical drawing



Technical data

	L.060AC
Pitch	60 mm
Depth	64 mm
Height	69 mm
K-Factor*	9,22
Visual free area*	75 %
Physical free area*	34 %
Max. unsupported span between two mullions**	1700 mm

* Definition see p. 52

** At q_b 800 Pa wind pressure



L.150ACS / L.170ACS / L.150ACL / L.170ACL < Blade types



L.150ACS



L.150ACL



Extruded aluminium blade

Extruded aluminium profile with a pitch of 150 mm and perforated underside; maximum blade length of 6,000 mm. Blades packed with inorganic mineral wool for acoustic performance. Developed to provide an aesthetic solution for noise reducing continuous louvre applications. In order to guarantee a aesthetical look and extra protection of the mineral wool, the blade can be provided with lasered aluminium end caps.

Materials

- L.150ACS and L.150ACL : extruded aluminium, EN AW - 6063 T66, perforated aluminium sheet.

Finish

- Anodised (20 micron)
- Polyester powder coating RAL or Syntha Pulvin® colours (60 - 80 µ/40 µ (UK))

Mesh

Fixed to rear of the support structure.

Doors

Single and double doors available with standard RENSON® hardware and rotating on pivot (see p. 75-76)

End cap

Lasered aluminium end caps in the same colour of the blade.

L.150.ACS.13 : for blade L.150ACS.01

L.150.ACL.13 : for blade L.150ACL.01

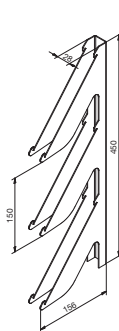
L.150.ACL.14 : for blade L.150ACL with angle cuts at 45°

Acoustic properties

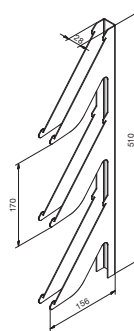
- L.150ACS: $R_w (C; C_{tr}) = 11 (-1; -2)$ dB
- L.170ACS: $R_w (C; C_{tr}) = 9 (0; -1)$ dB
- L.150ACL: $R_w (C; C_{tr}) = 15 (-1; -4)$ dB
- L.170ACL: $R_w (C; C_{tr}) = 13 (-1; -3)$ dB

Blade support

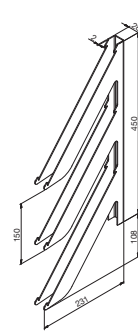
- L.150ACS: type L.150ACS.11
- L.170ACS: type L.170ACS.11
- L.150ACL: type L.150ACL.11
- L.170ACL: type L.170ACL.11



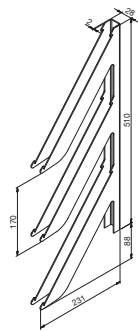
L.150ACS.11



L.170ACS.11



L.150ACL.11



L.170ACL.11



L.150ACS.13



L.150ACL.13

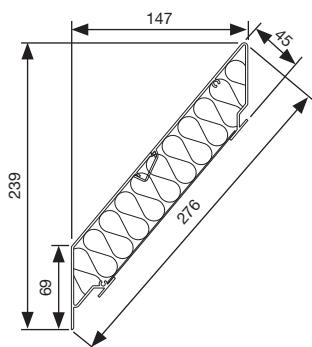


L.150ACL.14

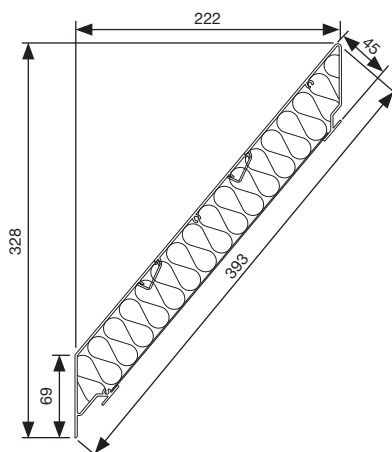
Blade types > L.150ACS / L.170ACS / L.150ACL / L.170ACL

Technical drawings

L.150ACS.01



L.150ACL.01



Technical data

	L.150ACS
Pitch	150 mm
Depth	147 mm
Height	239 mm
K-Factor*, supply	27,4
Visual free area*	54%
Physical free area*	34,3%
Max. unsupported span between two mullions**	2800 mm

	L.170ACS
Pitch	170 mm
Depth	147 mm
Height	239 mm
K-Factor*, supply	25,4
Visual free area*	59%
Physical free area*	37%
Max. unsupported span between two mullions**	2800 mm

	L.150ACL
Pitch	150 mm
Depth	222 mm
Height	328 mm
K-Factor*, supply	37,3
Visual free area*	54%
Physical free area*	34,3%
Max. unsupported span between two mullions**	2700 mm

	L.170ACL
Pitch	170 mm
Depth	222 mm
Height	328 mm
K-Factor*, supply	28,58
Visual free area*	59%
Physical free area*	37%
Max. unsupported span between two mullions**	2700 mm

* Definition see p. 52

** At qb 800 Pa wind pressure



L.150DAC / L.170DAC < Blade types



Extruded aluminium blade

Extruded aluminum profile with a step of 150 or 170 mm, according acoustic system (*). This can be perfectly combined with the acoustic blades L.150ACS.01 / L.150ACL.01, on places in the wall where no acoustic damping is required.

Materials

- Extruded aluminium, EN AW - 6063 T66

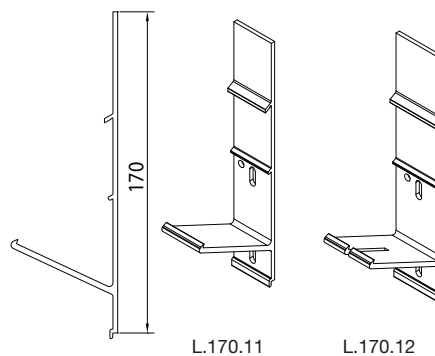
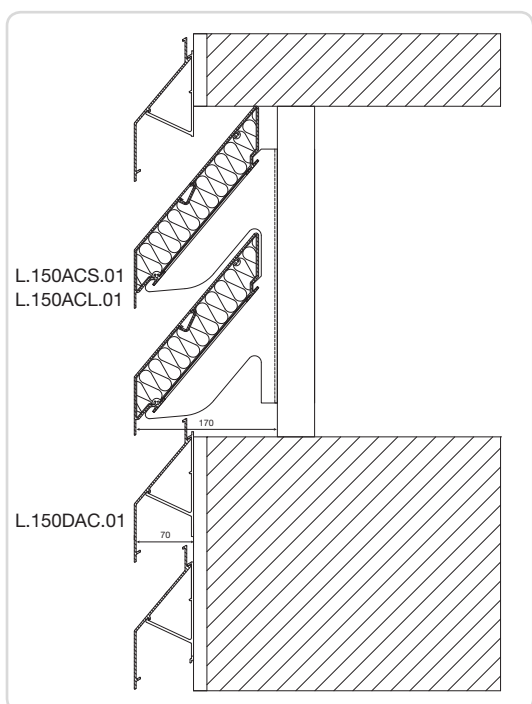
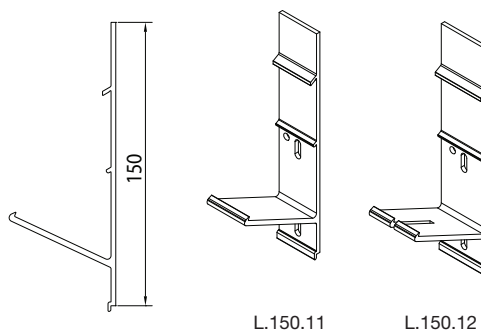
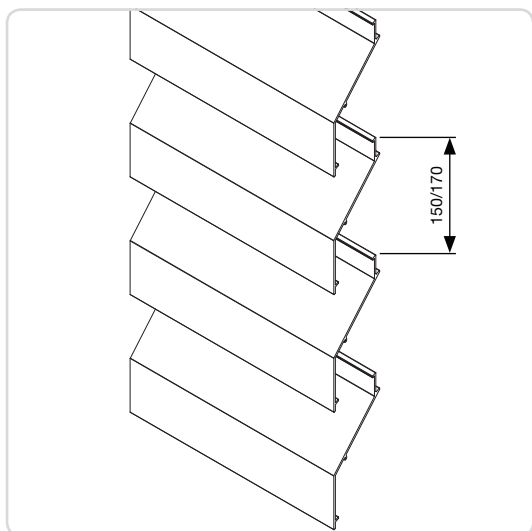
Finish

- Anodised (20 micron)
- Polyester powder coating RAL or Syntha Pulvin® colours (60 - 80 µ/40 µ (UK))

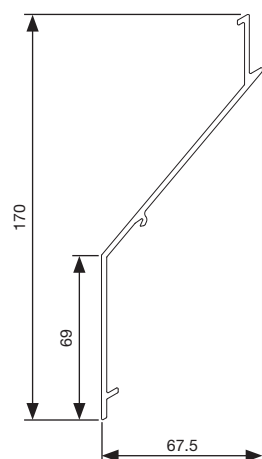
Blade support

- Single blade support: type L.150.11 or L.170.11 (*)
- Double blade support for thermal expansion: type L.150.12 or L.170.12 (*)

(*) pitch of the blade according to system L.150DAC of L.170DAC



Technical drawing



Technical data

	L.150DAC	L.170DAC
Pitch	150 mm	170 mm
Depth	67,5 mm	
Height	170 mm	
Physical free area*	34%	37%
K-Factor*, supply	47,7	42,47
K-Factor*, extraction	41,08	37,58
Max. unsupported span between two mullions**	ca. 2.400mm	

* Definition see p. 52

** At q_b 800 Pa wind pressure

